SONY

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United Kingdom

DSLR-A100

http://www.sony.co.uk

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The new α100 digital single lens reflex (d-slr) camera from Sony. With 10 Megapixels, Super SteadyShot built into the camera body to combat picture blur, and an advanced anti-dust protection system for the CCD, you're surer to get crisp, clean, pin-sharp results every time.

Features

Please be aware that the features/specifications can differ from country to country.

- The Sony α-mount is compatible with more than 20 lenses from Sony and Carl Zeiss as well as all KonicaMinolta lenses with A-type bayonet mount.
- 10.2 Effective megapixels
- APS-C sized primary color CCD
- Super SteadyShot in camera body means it is effective irrespective of the lens attached
- D-range Optimiser for auto image enhancement and contrast optimisation
- 2.5" 230.000 pixel LCD Screen
- New Bionz image processor
- Anti-dust system

Technical Specifications

Lens Mount	
Sony α mount	YES
Compatibility with Minolta A-type Bayonet Mount	YES

Useful Links

- Buy Online
- Where to buy
- http://www.sony.co.uk

Lens Compatibility	
All types of Sony α lenses	YES
Konicaminolta α/MAXXUM/DYNAX lenses	YES

Image Sensory	
Image sensor color filter	Primary color
Size (Inches)	23.6 x 15.8

Camera	
Gross Pixels (Mega Pixels)	10.8
Effective Pixels (Mega Pixels)	10.2
A/D Conversion (DXP) (Bit)	12.0
Automatic White Balance	YES
White balance: preset selection	Daylight, Shade, Cloudy, Tungsten, Fluorescent, Flash
White balance: custom setting	YES
White balance: types of color temperature	2500 - 9900 k with 19-step Magenta / Green compensation
White balance bracketing	3 frames, Selectable 2 steps; (in "Drive mode setting")
ISO Sensitivity Setting	Yes, (Auto, ISO 100 / 200 / 400 / 800 / 1600 equivalent)

Super SteadyShot	
System: CCD-shift mechanism	YES
Super SteadyShot scale (in viewfinder)	YES
Camera-Shake warning (in viewfinder)	YES
Super SteadyShot capability	Approximately 2 EV - 3.5 EV decrease in shutter speed (varies according to shooting conditions and lens used)
Effective with all of Sony and Konicaminolta MAXXUM/DYNAX/Alpha lenses	YES

Anti-Dust	
Charge protection coating on Low-Pass Filter and CCD-Shift mechanism	YES

Auto Focus System	
TTL phase-detection system	YES
Sensor	CCD line sensors (9 points, 8 lines with center cross-hair sensor)
Sensitivity Range (at ISO 100 equivalent); EV	0 - 18
Eye Start AF System (on off selectable)	YES
AF area: wide focus area	Yes (Auto with 9 areas)

AF Area: Spot	YES
AF Area: Local focus area selection	Yes (9 local areas)
AF Area: Center weighted	NO
AF Mode: Continuous AF	YES
AF Mode: Single AF	YES
AF Mode: Automatic AF	YES
AF Mode: DMF (Direct Manual Focus)	YES
AF Mode: Manual Focus	YES
Predictive Focus Control	Yes (with moving subjects in AF-A and AF-C)
Focus Lock	Yes (with Shutter button or Spot AF button)
AF Illuminator	Yes (with built-in flash)
AF Illuminator range (meters)	5.0

Auto Exposure System

Light metering type	TTL
Light metering cell	40-segment honeycomb-pattern SPC
Light metering: Multi segment	YES
Light metering: Spot	YES
Light metering: Center weighted	YES
Exposure: Automatic	YES
Exposure: Program Auto	Yes (with Program Shift)
Exposure: Shutter priority	YES
Exposure: Aperture priority	YES
Exposure: Manual	YES
Exposure: Scene selection	YES
AE Lock	YES
Exposure compensation	Yes (+/-2.0 EV, 0.3EV steps)
AE Bracketing	With 0.3 EV / 0.7 EV increments, 3 frames; (in "Drive mode setting")

Shutter

Type	Electronically-controlled, vertical-traverse, focal-plane type
Speed Range (seconds)	1/4000 - 30
Flash Sync Speed (With Super Steady Shoot Off); second	1/160
Flash Sync Speed (With Super Steady Shoot On); second	1/125

Built-In-Flash

Flash Guide Number (in meters at ISO 100)	12.0
Flash Metering System	ADI / Pre-flash TTL flash metering
Flash Compensation	Yes (+/-2.0 EV, 0.3EV steps)

Recycling Time (approx. time in seconds)	3.0
Flash Mode	Autoflash, Fill-flash, Rear flash sync, Wireless off camera flash (with Flash HVL-F56AM, F36AM)
Slow Synchronization	Yes (by pressing the AE lock button)
Red-Eye Reduction	YES
Flash Popup	Manual
Automatic Flash	Yes (with AUTO, P and Scene selection mode)
Auto Daylight Synchronized Flash	YES

Viewfinder

Type	Fixed eye-level system with roof mirror type pentaprism
Focusing Screen	Spherical Acute Matte
Field of View (%)	95.0
Magnification (with 50mm lens at infinity); times	0.83
Eye Relief	Approximately 20 mm from the eyepiece; 16 mm from the eyepiece frame at -1 diopter
Diopter Adjustment	-2.5 - +1.0 m-1

LCD screen

Screen Size (inches)	2.5
Monitor Type	TFT
LCD Total Dot Number	230000.0
LCD on/off	YES
Brightness adjustable	YES
LCD Field of View (%)	100.0

Recording

Drive Mode	Single-frame advance, Continuous advance, 10 seconds and 2 seconds Self-timer, Single-frame advance AE bracketing, Continuous-advance AE bracketing, White Balance Bracketing
Continuous-Advance Rate (approx. frames per second at maximum)	3.0
Number of Continuous Advance	Maximum 6 frames (RAW); Maximum 3 frames (RAW+JPEG); No limit (Jpeg L/M/S)
Recording Media	CF Type I and Type II (MicroDrive); MS Duo and MS Pro Duo (with MS Duo adapter for CF slot)
Recording Format	Jpeg, RAW

Image Size RAW (10M: 3880 x 2600)	YES
Image Size L (10M: 3872 x 2592)	YES
Image Size M (5.6M: 2896 x 1936)	YES
Image Size S (2.5M: 1920 x 1280)	YES
Still Image quality: Standard	YES
Still Image quality: Fine	YES
Still Image quality: RAW	YES
Still Image quality: RAW+JPEG	YES
Still Image quality: TIFF	NO
Noise Reduction	Available at shutter speeds longer than 1 Second
Delete Function	Single, multiple, or all frames in a folder / memory card can be deleted. Folders can be deleted in the File Browse mode
Color Space (sRGB)	YES
Color Space (Adobe RGB)	YES
DEC (Digital Effect Control): Color mode	STD, VIVID, Portrait, Landscape, Sunset, Night View/Night Portrait, Black & White, Adobe RGB. Except for Adobe RGB, all other color modes use the sRGB color space.
Dynamic Range Optimizer	Yes, (Off / Standard-mode / Advanced-mode)
Date/Time Print	YES

Playback/ Edit

Information Display	YES
White/Black Out Alert	YES
Index Playback	Yes (4,9 or 16 frames)
Enlarge (Maximum magnification)	x12(L) x9(M) x6(S)
Image Rotation	YES
Auto Image Rotation	YES

General

Battery Remaining Indicator	YES
Battery remaining time indicator (infoLITHIUM)	NO
Histogram Indicator	YES
Exif	2.21
Exif Print	Yes
PictBridge	YES
Menu Language	English/ French/ German/ Spanish/ Italian/ Portugese/ Dutch/ Russian/ Swedish/ Danish/ Norwegian/ Finish/ Polish/ Czech/ Hungarian
Zone Matching	YES
Depth-of-Field Preview	Yes

PRINT Image Matching III	Yes
Remote Release Terminal	Yes
DPOF	Yes
Indicator of remaining memory space (CF)	Yes
Beep Sound	Yes
File Number Memory	On/ Off selectable
Folder Name Mode	Standard and Date
Operating Temperature (degrees C)	0 - 40

Jacks

Video Out	YES
USB 2.0 Hi-Speed	YES
USB Mode	Mass Strage (PC connection) / PTP(PictBridge)

Power/ Others

Battery System	LITHIUM Ion NP-FM55H
Supplied Battery	LITHIUM Ion NP-FM55H
Stamina (battery life) with the supplied battery(s) in normal shooting condition	750
Battery for Clock	MS518S, Button type, Manganese-Silicon, 0.13g, 1cell
Weight (g)	545.0

Dimensions

Width (mm)	133.1
Height (mm)	94.7
Depth (mm)	71.3

Accessories

Digital Camera Batteries

NP-FM55H

Cases

STR-SH1AM

LCS-AMA

LCL-60AM

LCL-140AM

LCL-90AM

STR-SS1AM

LCS-AMSC30

Chargers - Adaptors

AC-VQ900AM

Lenses

85mm F1.4
ZA Planar T*
(SAL-85F14Z)

135mm F1.8
ZA Sonnar T*
(SAL-135F18Z)

70-200mm F2.8
G (SAL-70200G)

35mm F1.4 G
(SAL-35F14G)

300mm F2.8 G
(SAL-300F28G)

DT 18-70mm
F3.5-5.6
(SAL-1870)

75-300mm
F4.5-5.6
(SAL-75300)

DT 18-200mm
F3.5-6.3
(SAL-18200)

DT 11-18mm
F4.5-5.6
(SAL-1118)

24-105mm
F3.5-4.5
(SAL-24105)

16mm F2.8
Fisheye
(SAL-16F28)

20mm F2.8
(SAL-20F28)

28mm F2.8
(SAL-28F28)

50mm F1.4
(SAL-50F14)

50mm
F2.8 Macro
(SAL-50M28)

100mm
F2.8 Macro
(SAL-100M28)

135mm F2.8
[T4.5] STF
(SAL-135F28)

500mm
F8 Reflex
(SAL-500F80)

1.4X
Teleconverter
(SAL-14TC)

2X
Teleconverter
(SAL-20TC)

Lights

HVL-F36AM

Remote Controls

RM-S1AM

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